



## Bancroft Library

Berkeley, CA



Owner:	UC Berkeley
Completion:	March 2008
Size:	5 Stories, 110,000 ft <sup>2</sup>
Architect:	Ratcliff Architects
Contractors:	General: McCarthy Builders Mechanical: Control Air North / LJ Cruse
HVAC System Description:	Archival conditions created throughout the library at 60 °F and 40% relative humidity through the use of desiccant dehumidification systems as well as innovative dual-duct-reheat temperature and humidity control zones. System includes a water-cooled chiller plant.
Taylor Engineering's Role:	HVAC and controls design for a major retrofit of the Bancroft Library on the UC Berkeley Campus. The Library houses a large rare materials collection (Egyptian Papyrus, Mark Twain Papers) and the project includes a complete replacement of the HVAC system to establish environmental conditions suitable to the long term preservation of these materials.
References:	UC Berkeley: Stan Mar (smar@cp.berkeley.edu) Ratcliff Architects: Bill Blessing (bblessing@ratcliffarch.com) McCarthy Builders: Tony Fung (TFung@McCarthy.com)